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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: John Maclean Docket No.: 7182-1
Application. No.: 10/529,196 Examiner: Not Yet Known
Filed: September 26, 2003 Group Art Unit: Not Yet Known
Title: Crystal Structure of Chorismate Synthase

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

**RESPONSE TO NOTIFICATION OF MISSING
REQUIREMENTS UNDER 35 U.S.C. 371**

Sir:

This is in response to the Notification of Missing Requirements Under 35 U.S.C. 371 in the United States Designated/Elected Office (the "Notification") mailed on August 31, 2005. The deadline for reply is set to expire two (2) months from the mailing date. Thus, the response is timely filed.

Enclosed please find the following items:

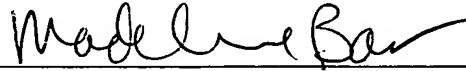
- (1) Oath and Declaration
- (2) Fee Transmittal Form
- (3) Computer-readable diskette containing the sequence listing in connection

with the above-referenced application.

The undersigned hereby states that, in accordance with 37 C.F.R. §1.821(f), that the sequence information submitted in computer-readable form is identical to the written sequence listing submitted on paper. The undersigned further states that the submission herein, filed in accordance with 37 C.F.R. §1.821(g), does not include new matter. Accordingly, entry of this submission is respectfully requested.

Applicants request that any questions concerning this matter be directed to the undersigned at (212) 895-2000. The Commissioner is hereby authorized to charge any additional fee which may be required or credit any overpayment to the undersigned attorney's Deposit Account No. 02-4270.

Respectfully submitted,



Madeline Baer, Reg. No. 36,437

Attorney for Applicants

BROWN RAYSMAN MILLSTEIN

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Rec'd POTTS 2 OCT 2005

PTO/SB/17 (12-04v2)

Approved for use through 07/31/2006. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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Effective on 12/08/2004.

Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).

FEE TRANSMITTAL

For FY 2005

☒ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$) 660

Complete if Known

Application Number 10/529,196
Filing Date March 24, 2005
First Named Inventor John Maclean
Examiner Name Not Yet Assigned
Art Unit Not Yet Assigned
Attorney Docket No. 7182-1

METHOD OF PAYMENT (check all that apply)

☐ Check ☐ Credit Card ☐ Money Order ☐ None ☐ Other (please identify):

☒ Deposit Account Deposit Account Number: 02-4270 Deposit Account Name: Brown Raysman

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

☐ Charge fee(s) indicated below

☐ Charge fee(s) indicated below, except for the filing fee

☒ Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17

☒ Credit any overpayments

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

FEE CALCULATION

1. BASIC FILING, SEARCH, AND EXAMINATION FEES

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	
Utility	300	150	500	250	200	100	350
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	

2. EXCESS CLAIM FEES

Fee Description

Each claim over 20 (including Reissues)

11/04/2005 ATRAM1 50000048 024250 10529196

Each independent claim over 3 (including Reissues)

200 100

Multiple dependent claims

01 FC:1617 13600 DA 180

Total Claims Extra Claims Fee (\$) Fee Paid (\$)

0 - 20 or HP = 0 x 0 =

HP = highest number of total claims paid for, if greater than 20.

Indep. Claims Extra Claims Fee (\$) Fee Paid (\$)

0 - 3 or HP = 0 x 0 =

HP = highest number of independent claims paid for, if greater than 3.

Fee (\$) Small Entity Fee (\$)

50000048 024250 10529196

200 100

13600 DA 180

Multiple Dependent Claims

Fee (\$) Fee Paid (\$)

180 180

3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets Extra Sheets Number of each additional 50 or fraction thereof Fee (\$) Fee Paid (\$)

- 100 = / 50 = (round up to a whole number) x =

4. OTHER FEE(S)

Non-English Specification, \$130 fee (no small entity discount)

Fees Paid (\$)

Other (e.g., late filing surcharge): Submission of an oath and declaration

130

SUBMITTED BY

Signature Madeline Baer Registration No. 36,437 Telephone 212-895-2000
Name (Print/Type) Madeline Baer Date October 28, 2005

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.